

FORM PTO-1449  
INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.

16517.214

APPLICATION NO.

09/198,779

APPLICANTS

BLEDIG *et al.*

FILING DATE

November 24, 1998

GROUP

1631

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	AA1						
	AB1						
	AC1						
	AD1						
	AE1						

## FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION
	AF1						Yes No
	AG1						Yes No
	AH1						Yes No
	AI1						Yes No
	AJ1						Yes No

## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AK	1	Venter <i>et al.</i> , "The Sequence of the Human Genome" <i>Science</i> , 291:1304-1351 (2001)
	AL	1	Woese <i>et al.</i> , "Conservation of Primary Structure in 16S Ribosomal RNA" <i>Nature</i> , 254:83-85 (1975)
	AM	1	
	AN	1	
	AO	1	
	AP	1	

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DATE CONSIDERED

3/8/02

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.

FORM PTO-1449 <u>INFORMATION DISCLOSURE STATEMENT</u>	ATTY. DOCKET NO. 04983.0002US01/38-21 (15077)B	APPLICATION NO. TO BE ASSIGNED
	APPLICANT: Stefan A. Bledig <i>et al.</i>	
	FILING DATE: NOVEMBER 24, 1998	GROUP: UNASSIGNED

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
A	AA1	5,738,998	4/14/98	Deth		5/24/95
A	AB1	5,635,375	6/03/97	Kraus <i>et al.</i>		1/9/95
A	AC1	5,512,484	4/30/96	Yamamoto <i>et al.</i>		12/23/94
A	AD1	5,451,516	9/19/95	Matthews <i>et al.</i>		8/16/91
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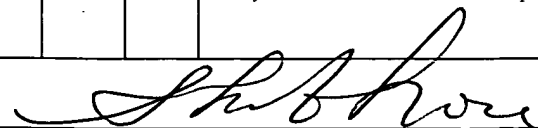
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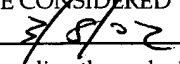
## OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

A	AR	1	Aarnes, "Partial Purification And Characterization Of Methionine Adenosyltransferase From Pea Seedlings," <i>Plant Science Letters</i> , 10:381-390 (1977).
A	AS	1	Azevedo <i>et al.</i> , "The Biosynthesis and Metabolism of the Aspartate Derived Amino Acids in Higher Plants," <i>Phytochemistry</i> , 46:395-419 (1997).
A	AT	1	Davies and Mifflin, "Regulatory Isoenzymes of Aspartate Kinase and the Control of Lysine and Threonine Biosynthesis in Carrot Cell Suspension Culture," <i>Plant Physiol.</i> 62:536-541 (1978).

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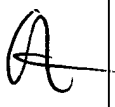
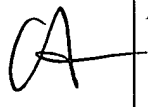
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	AO2						Yes No
	AP2						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>2</u>	Eichel <i>et al.</i> , "Vitamin-B <sub>12</sub> -independent methionine synthase from a higher plant ( <i>Catharanthus roseus</i> ) Molecular characterization, regulation, heterologous expression, and enzyme properties," <i>Eur. J. Biochem.</i> , 230:1053-1058 (1995).
	AS	<u>2</u>	Espartero <i>et al.</i> , "Differential accumulation of S-adenosylmethionine synthetase transcripts in response to salt stress," <i>Plant Molecular Biology</i> , 25:217-227 (1994).
	AT	<u>2</u>	Galili, "Regulation of Lysine and Threonine Synthesis," <i>The Plant Cell</i> , 7:899-906 (1995).

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>3</u>	Gengenbach <i>et al.</i> , "Feedback Regulation of Lysine, Threonine, and Methionine Biosynthetic Enzymes in Corn," <i>Crop Science</i> , 18:472-476 (1978).
	AS	<u>3</u>	Giovanelli <i>et al.</i> , "Aspartokinase of <i>Lemna paucicostata</i> Hegelm. 6746," <i>Plant Physiol.</i> , 90:1577-1583 (1989).
	AT	<u>3</u>	Giovanelli <i>et al.</i> , "Regulatory Structure of the Biosynthetic Pathway for the Aspartate Family of Amino Acids in <i>Lemna paucicostata</i> Hegelm. 6746, with Special Reference to the Role of Aspartokinase," <i>Plant Physiol.</i> , 90:1584-1599 (1989)

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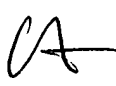

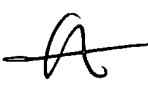
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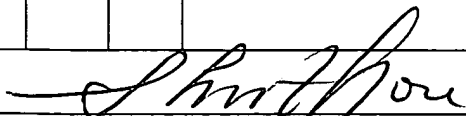
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	AN4						Yes No
	AO4						Yes No
	AP4						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>4</u>	Gomez-Gomez and Carrasco, "Hormonal regulation of S-adenosylmethionine synthase transcripts in pea ovaries," <i>Plant Mol. Biol.</i> , 30:821-832 (1996).
	AS	<u>4</u>	Izhaki <i>et al.</i> , "A Petunia cDNA Encoding S-Adenosylmethionine Synthetase," <i>Plant Physiol.</i> , 108:841-842 (1995).
	AT	<u>4</u>	Izhaki <i>et al.</i> , Entrez, Accession #1084428, May 3, 1996.

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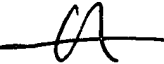

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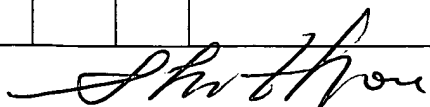
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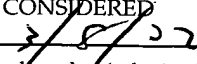
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>5</u>	Karaolis, <i>et al.</i> , "The Sixth and Seventh Cholera Pandemics Are Due to Independent Clones Separately Derived from Environmental, Nontoxigenic, Non-O1 <i>Vibrio cholerae</i> ," <i>J. Bacteriol.</i> , 177:3191-3198 (1995).
	AS	<u>5</u>	Locke <i>et al.</i> , Entrez, Accession #AF007786, June 18, 1997.
	AT	<u>5</u>	Locke <i>et al.</i> , Entrez, Accession #2198853, June 12, 1997.

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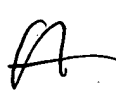
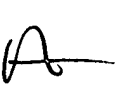
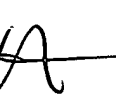
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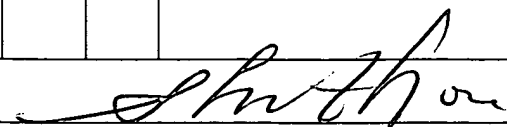
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	AN6						Yes No
	AO6						Yes No
	AP6						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>6</u>	Mathur <i>et al.</i> , "Post-transcriptional regulation of S-adenosylmethionine synthetase from its stored mRNA in germinated wheat embryos," <i>Biochim. Biophys. Acta</i> , <b>1078</b> :161-170 (1991).
	AS	<u>6</u>	Matthews and Widholm, "Enzyme expression in soybean cotyledon, callus, and cell suspension culture," <i>Can. J. Bot.</i> , <b>57</b> :299-304 (1979)
	AT	<u>6</u>	Muehlbauer <i>et al.</i> , "Molecular Genetics of the Maize ( <i>Zea mays</i> L.) Aspartate Kinase-Homoserine Dehydrogenase Gene Family," <i>Plant Physiol.</i> , <b>106</b> :1303-1312 (1994).

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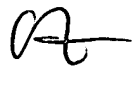
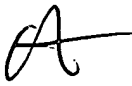
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	AM7						Yes No
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	AO7						Yes No
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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	Z	Michael, Entrez, Accession # Y07767, September 10, 1996.
	AS	Z	Michael, Entrez, Accession # 1532073, September 10, 1996.
	AT	Z	Michaelowski and Bohnert, Entrez, Accession # U79767, December 12, 1996.

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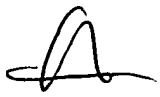
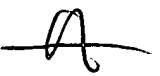

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	<u>8</u>	Michaelowski and Bohnert, Entrez, Accession # 1724104, December 6, 1996.
	AS	<u>8</u>	Ravanel <i>et al.</i> , "Cloning of an <i>Arabidopsis thaliana</i> cDNA encoding cystathionine $\beta$ -lyase by functional complementation in <i>Escherichia coli</i> ," <i>Plant Mol. Biol.</i> , 29:875-882 (1995).
	AT	<u>8</u>	Rognes <i>et al.</i> , "S-adenosylmethionine-a novel regulator of aspartate kinase," <i>Nature</i> , 287:357-359 (1980).

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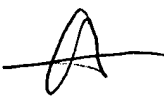
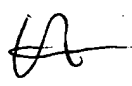
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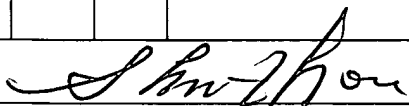
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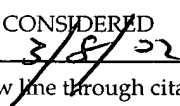
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

	AR	2	Schroeder and Schroeder, "cDNAs for S-adenosyl-L-methionine decarboxylase from <i>Catharanthus roseus</i> , heterologous expression, identification of the proenzyme-processing site, evidence for the presence of both subunits in the active enzyme, and a conserved region in the 5' mRNA leader," <i>Eur. J. Biochem.</i> , <b>228</b> :74-78 (1995).
	AS	2	Singh and Matthews, "Molecular regulation of amino acid biosynthesis in plants," <i>Amino Acids</i> 7:165-174 (1994).

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